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Remarks.

The Examiner's comments and objections and the cited references have been carefully considered by the Applicant.

Reconsideration of the application as hereby amended is respectfully requested.

Claim Rejections under 35 USC § 112

Claims 42, 45, 51 (as dependent on claim 45) and 54 have been objected for lack of clarity.

In response to the objections, claims 42, 45 and 54 have been amended.

Further clarification is provided as follows.

The subject-matter of claim 42 is based upon the disclosure of the specification as set forth at page 7, lines 7-17.

The subject-matter of claim 45 is based upon the disclosure of the specification as set forth at page 8, lines 6-14.

The subject-matter of claim 54 is based upon the disclosure of the specification as set forth at page 6, lines 5-8.

Claim Rejections under 35 USC § 103

It is submitted that WIPO 9824982, by the same inventor, teaches injecting an expandable substance in a foundation soil to consolidate the same by strong compression due to high expansion of the substance injected.

Crambes teaches reinforcing a compacted-grouted-reinforced soil which is realized before digging an excavation 21 by introducing reinforcements, in the form of steel bars, in boreholes 22, and embedding the bars with cement grout or mortar sheath, that is known

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to have no expansion effect. (column 18, lines 8-29 with reference to figures 13 and 14).

The front wall 32 of figure 21 is also constituted by soil reinforced-compacted-grouted-precompressed with anchors sealed in the underlying ground. The set of anchors is tensioned against a distribution slab located at the surface of the soil (column 19, lines 16-25 and figure 21).

Thus, none of the cited prior documents fairly teaches or suggests the step of claim 36 as amended for *"locating existing cavities in a wall system of a building"*.

Expandable substances are known to develop high expansion forces (see WIPO 9824982, page 9, lines 14-17), so high that they may exert a destructive action if injected in a cavity of the wall system of a building.

Thus, not only the cited prior art is silent on injections of chemically expandable substances in wall systems of buildings, but it also teaches away the one skilled in the art from making such injections.

New, independent claims 71 and 72 have been added that claim methods with steps for *locating existing cavities in a wall system made of masonry*, and injections of chemically expandable substances in holes provided therein, and, respectively for *locating existing cavities in a wall system that is built with faces thereof that lie along opposite planes of arrangement; and providing spaced injection holes within said wall system with a longitudinal extension that is contained between said planes of arrangement and is suitable to make them pass through said cavities that exist in the wall system.*

All such steps are neither disclosed nor suggested by the cited prior art.

It will be noted that a sincere effort has been made to positively respond to all of the points raised by the Examiner.

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The claims as pending now in the application are believed to be allowable.

Favorable action is respectfully solicited.

While it is believed that the amended claims properly and clearly define the present invention, applicant would be open to any suggestion or amendment the Examiner may have or propose concerning different claim phraseology which, in the Examiner's opinion, more accurately defines the present invention.

Respectfully submitted,



Daniel O'Byrne (Reg. No. 36,625)

Agent for the Applicant

Date: August 10, 2007
Address: Via Meravigli 16, 20123 MILAN-ITALY
Telephone: (from USA) (011)(39)(02)8590-7777
Telefax: (from USA)(011)(39)(02)863-860